

ROSTER OF ORGANIZATIONS IN THE FIELD OF AUTOMATIC COMPUTING MACHINERY

Third edition, July 20, 1952

by Edmund C. Berkeley

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Introduction

The purpose of this roster is to report the name, address, and a few comments, about each organization we know of that is engaged in one way or another in making or developing automatic computing machinery.

We hope we can make this roster as useful and informative as possible. We plan to keep it up to date by issuing supplements or revisions from time to time. For example, this issue, the third edition, is only a four months' revision, but it contains 16 more organizations (making a total of 120), and in addition over 20 revised entries. If you would like to receive supplements or revisions, see the basis for subscribing explained on the last page of this report, fill in the blank there, and return it to us.

Although we have tried to make this report complete, we assume no liability for any statements expressed or implied.

We shall be very grateful for any changes, additions, or corrections that any reader can send us.

Abbreviations

The key to the abbreviations follows:

Size

Ls Large size, over 500 employees
 Ms Medium size, 50 to 500 employees
 Ss Small size, under 50 employees
 (No. in parentheses is approx. no. of employees)

When Established

Se Organization established a short time ago (1942 or later)
 Me Organization established a "medium" time ago (1923 to 1941)
 Le Long established organization (1922 or earlier)
 (No. in parentheses is year of establishment)

Interests in Computing Machinery

Dc Digital computing machinery
 Ac Analog computing machinery
 Sc Servomechanisms
 Ic Incidental interests in automatic computing machinery

Activities

Ma Manufacturing activity
 Sa Selling activity
 Ra Research and development
 Ca Consulting
 Ga Government activity
 Pa Problem solving activity
 Ba Buying activity
 (Used also in combinations, as in RMSa, research, manufacturing and selling activity.)

* This organization has very kindly furnished us with information expressly for the purpose of this roster, and therefore our report is likely to be more complete and accurate than otherwise might be the case.

Revised or added, as compared with the March, 1952, report.

ROSTER

Addressograph-Multigraph Corp., 1200 Babbitt Road, Cleveland 17, Ohio, and elsewhere *
Addressograph plates, prepared automatically from punched tape, which will list and total repetitive figures. Data written at speeds up to 60 lines per second, and as a byproduct codes automatically punched into punch cards. Electronic facsimile printers for high-speed copying of typed data contained in unit card records. Machine functions controlled by sensing and selecting mechanism operated by punched holes in cards. Ls (8000) Le(1893) Ic RMSa

Alden Electronic and Impulse Recording Equipment Co., Alden Research Center, Westboro, Mass. *

Recording equipment and components. Ma SEE Alden Products Co.

Alden Products Co., 117 No. Main St., Brockton, Mass. *

General and specific components for digital and analog computing machinery; plug-in components, sensing and indicating components, magnetic delay line units, etc. Ms(300) Me(1930) Ic RMSa

Alfax Paper and Engineering Co., Alden Research Center, Westboro, Mass. *

Electrosensitive recording papers. Ma SEE Alden Products Co.

American Totalisator Co., 745 Fifth Ave., New York, N. Y.

Automatic totaling machines for use at race-tracks. Ic MSA

ANelex Corporation, Concord, N. H.

High-speed printer (600 characters per second, numerical). Ss Se Ic RMSa

Applied Science Corporation of Princeton, P. O. Box 144, Princeton, N. J.

Telemetering and automatic data conversion. Devices for automatic and semi-automatic reduction and analysis of telemetering and radar data. MADAM (Multipurpose Automatic Data Analysis Machine). Ms Se(1946) DAG RCPMSa

Arma Corp., 254 36th Street, Brooklyn, N. Y. *

Electronic fire-control apparatus. Analog computer components including resolvers, induction generators, etc. Ls(7000) Le(1918) Ac RMSa

Armour Research Foundation, Illinois Inst. of Technology, 35 West 33 St., Chicago 16, Ill.

Magnetic tape for sound recording. Ss Me Ic RCA

Askania Regulator Co., 240 E. Ontario St., Chicago 11, Ill.*

Analog devices, servomechanisms, automatic control. Ms(250) Me(1930) ASa RMSa

Autocall Co., Shelby, Ohio

Relays for Harvard Mark II calculator. Ic MSA

Automatic Electric Co., 1033 W. Van Buren St., Chicago, Ill.*

Telephone equipment, relays, stepping switches, etc. for independent telephone companies and computing machinery companies. Ls(6000) Le(1892) Ic RMSa

- # Baird Associates, 33 University Road, Cambridge 38, Mass. *
Spectroscopic analysis equipment. Scientific instruments. Analog devices and servomechanisms. Ms(150) Me(1936) AIC RMSa
- # Barber-Colman Co., Rockford, Ill.
Textile machinery, air control equipment, gears, etc. Barber-Colman--Stibitz low-cost digital computer, operating. Ls(2500) Le Do RMSa
- # Beckman Instruments Inc., South Pasadena, Calif. *
"Analog-digital" convertor. Special purpose control computers. Ls(1000) Le(1934) DAC RMSa
- Bell Telephone Laboratories, Murray Hill, N. J., and 463 West St., New York, N. Y.
Automatic switching. Bell general purpose relay computers, for government use and their own use. Ls Le Do Ra
- # Bendix Aviation Corp., Bendix Computer Division, 244 South Hawthorne, Hawthorne, Calif. *
Owner of Binac. Makers of Maddida, digital differential analyzer. (This division purchased from Northrop Aircraft Co.) Ms Se(1952) DAC RMSa
- Benson-Lehner Corp., 2340 Sawtelle Blvd., West Los Angeles 64, Calif. *
Automatic and semi-automatic devices (both analog and digital) for computing, data analyzing, data reduction, optical measuring, guided missile analysis, etc. Commercial applications of industrial control devices. Ms(55) Se(1950) DAC RCMSa
- Edmund C. Berkeley and Associates, 36 West 11 St., New York 11, N. Y., and 19 Milk St., Boston 9, Mass.
Small one-of-a-kind computers (Simon) and robots (Squee), etc. Ss(7) Se(1948) Do RCMSa
- Karl J. Braun Engineering Co., State St., Stamford, Conn.
Mechanical punches for garment tag reader, etc. Ss Se Ic RMa
- # British Tabulating Machine Co., Ltd., 17 Park Lane, London W. 1, England
Punch card machines. Ls(4500) Le(1908) Do RCPMSa
- Brujac Electronic Corp., 103 Lafayette St., New York 13, N. Y.
Sales organization for Computer Corporation of America.
- Bureau of Census, Washington 25, D. C. *
Design and construction of statistical processing equipment. Special punch card machines and other machines for own use. First customer owning a Univac. Ls(1100 in Machine Tabulation Division) Le(1890 in punched field) Do Ga
- # Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich., and 511 No. Broad St., Philadelphia, Pa. *
Adding machines, bookkeeping machines, etc. Research division in Philadelphia has made Burroughs Laboratory Computer, an electronic digital test computer. Pulse control components. Company owning Control Instrument Corp., which SEE. Ls(18,000) Le(1896) DSc RMSPa

Clary Multiplier Corp., 408 Junipero St., San Gabriel, Calif. *

Adding and multiplying machines, cash registers, electronic counters, automatic read-out devices for electronic computers, data-reduction apparatus, analog-to-digital converters. Ls(800) Me(1939) DAc RMSa

Computation Centre, Univ. of Toronto, Toronto, Canada *

Digital, electronic computers. Receiving a Ferranti Electric automatic computer. Ss(20) Se(1947) RPa

Computer Corp. of America, 149 Church St., New York 7, N. Y.

Electronic analog computer. Se Ac RMa

Computer Research Corp., 3348 West El Segundo Blvd., Hawthorne, Calif. *

Digital computers. Computer components. CADAC (CRC102) general purpose computer. Ms(80) Se(1949) Dc RMSa

Computing Devices of Canada, Lim., 338 Queen St. (headquarters) and 475 Cambridge St. (laboratories), Ottawa, Ont., Canada *

Ms(90) Se(1948) DASc RCPMSa

Consolidated Engineering Corp., 300 N. Sierra Madre Villa, Pasadena 8, Calif. *

Automatic electronic digital computers (Model 30-201). Digital and analog data handling and conversion systems (SADIC, etc.). Ls(750) Me(1937) Dc RMSa

Consolidated Vultee Aircraft Corporation, Los Angeles, Calif.

The Charactron, a cathode-ray tube containing a stencil of character-shaped openings, for producing characters on the screen at high speed. Ls Me Io RMSa

Control Instrument Co., 67 35th Street, Brooklyn, N. Y. *

Fire-control equipment. 1000-line-a-minute tabulator sold to Prudential Insurance Co. of America. Now a subsidiary of Burroughs. Digital and analog machines and components. Ls(1200) Me(1934) DAc RMSa

The de Florez Co., 116 East 30 St., New York, N. Y.

Magazine subscription fulfillment problem, etc. Ss Se DAc RCA

Digital Control Systems, Inc., Top of Mount Soledad, P. O. Box 779, La Jolla, Calif.

Ss Se Dc RMSa

Eastman Kodak Co., Camera Works, 333 State St., Rochester, N. Y. *

Use of film with small dots for computer input-output. High-speed printers: photographic, electro-mechanical, electronic facsimile. Ls Le(1888) Io RCMSa

Eckert-Mauchly Computer Corp., 3747 Ridge Ave., Philadelphia, Pa.

All-purpose electronic digital computers. Binac, sold to Northrop Aircraft. Univac, first one sold to Bureau of Census. Now a subsidiary of Remington Rand. Ms Se Dc RMa

Electronic Computer Corp., 160 Avenue of the Americas, New York 13, N. Y., and 265 Butler St., Brooklyn, N. Y. *

Constructing three electronic digital computers (Elecom-100 computer). Delay lines, pulse transformers, magnetic recording heads, magnetic drums, D. C. plug-in amplifiers. Ms(70) Se(1949) Dc RMSa

Electronic Engineering Co., 180 South Alvarado St., Los Angeles, Calif.
Analog computing machinery. Analog-to-digital-to-analog converters.
Polar-to-rectangular-to-polar converters. Servomechanisms. Ms Se
Dac RMSa

* Electronics Associates, Inc., Long Branch, N. J.
Digital-to-analog converter (model 417). RMSa

Elliott Bros. (London), Ltd., Century-Works, Lewisham, London S.E. 13, England,
and Research Laboratories, Elstree Way, Borehamwood, Herts., England *
Digital, analog, and servomechanisms. Ls(2000) Le(1800) DAsc RMSa

Engineering Research Associates, Inc., St. Paul, Minn., and Arlington, Va. *
Digital computers; ERA 1101 electronic digital computer; the Logistics
Computer. Magnetic storage systems, including magnetic heads, magnetic
drums, etc. Shaft-position indicator systems, self-recording accelerometers,
analog magnetic recording systems, data-handling equipment. Ls(750) Se(1946)
Dc RMCPa

Engineers Northwest, 100 Metropolitan Life Bldg., Minneapolis 1, Minn.*
Test scoring machines and equipment. Ss(12) Se(1945) DAc RCMA

English Electric Co., Stafford, Eng.
Manufacturer of fully engineered versions of ACE (see National Physical
Laboratory). Ls Le Dic RMSa

Federal Telephone and Radio Corp., Clifton, N. J.
Equipment for airline reservation problem. Ic RMSa

Ferranti Electric, Inc., 30 Rockefeller Plaza, New York 20, N. Y., agent for Ferranti
Electric, Ltd., Moston, England, and Mount Dennis, Toronto, Canada. *
Complete electronic digital computers. High-speed punch tape readers.
Magnetic drum memory equipment, etc. Ls(10,000) Le(1896) Dc RMSa

The Franklin Institute Laboratories for Research and Development, 20th St. & Benjamin
Franklin Parkway, Philadelphia 3, Pa. *
Fire control equipment. Special purpose analog computers, large and small
scale. Digital computer components. Prototype construction. Ms(280)
Se(1946) DAc RCA

Friden Calculating Machine Co., San Leandro, Calif.
Desk calculating machines. Ls Me Dc RMSa

Ford Instrument Co., Long Island City, N. Y.
Fire control apparatus. Ls Le ASc RMSa

General Electric Co., Syracuse, N. Y., and Schenectady, N. Y. *
Digital and analog, electric and electronic, computers and analyzers.
Automatic electronic digital computers, OARAC. Ls Le Ic RMSa

Harvard Computation Laboratory, Cambridge 38, Mass.
Harvard Mark I, II, III, IV calculators for Navy, Air Force, and own use.
Ms Se Dc RPMA

- # Hogan Laboratories, 155 Perry Street, New York, N. Y. *
Facsimile machines. Digital, high-speed printers and computers.
Manufacturing the Circle Computer (2 in production). Ms(60) Me(1929)
Do RMSa.
- Hughes Aircraft Co., Culver City, Calif.
Aircraft, guided missiles, fire-control equipment. Ls Me DAo RMSa
- # Institut Blaise Pascal, Laboratoire de Calcul Analogique, 155, rue de Sèvres, Paris 15, France.
Ao RPa
- # Institut Blaise Pascal, Laboratoire de Calcul Mécanique, 25, Avenue de la Division LeClerc, Chatillon-sous-Bagneux (Seine), France
Constructing a digital calculator. Ss(9) Me(1939) Do RPa
- Institute for Advanced Study, Princeton, N. J.
"Maniac", big fast electronic digital calculator, for own use. Do RPa
- Intelligent Machines Research Corp., 134 So. Wayne St., Arlington, Va. *
Devices for reading characters on paper, etc. Pattern interpretation equipment. Sensing mechanisms. Digital computer elements. Ss(6)
Se(1951) Do RCMSa
- International Business Machines Corp., 590 Madison Ave., New York, N. Y.
Punch card machines. IBM Selective Sequence Electronic Calculator.
Card programmed calculators, electronic calculating punch, "defense" calculator, etc. Ls(30,000?) Le Do RMSa
- International Telephone and Telegraph Corp., 67 Broad St., New York, N. Y.
Equipment for airline reservation problem. Io RMSa
- Jacobs Instrument Co., 4718 Bethesda Ave., Bethesda 14, Maryland *
Small, compact digital computers (Jaincomp A, B, B1). Analog computers.
Input and output devices. Complete instrument systems. Ms Se(1948)
DASo RMSa
- A. Kimball Co., 307 West Broadway, New York, N. Y. *
Machine for printing and punching garment tags. Input mechanisms.
Ms(200+) Le(1876) Io RMSa
- Laboratory for Electronics, Inc., 43 Leon Street, Boston 15, Mass. *
Special computers to suit customer requirements. Ms(350) Se(1946)
DASo RMPa
- # Librascope, Inc., 1607 Flower St., Glendale 1, Calif.
Ls Me ASo RMSa
- Lithomat Corp., 58 Charles St., Cambridge, Mass.
Machinery for composing type by photography. Se Io RCMSa
- Arthur D. Little, Inc., 30 Memorial Drive, Cambridge 42, Mass. *
Analog-digital converter called "Digital Reader". Advanced equipment.
Ls(500+) Le(1886) Io RCA

- # Logabax Co., 12, rue de l'Arcade, Paris, France
Collaborating with Institut Blaise Pascal on computing devices.
Dio RMSa
- W. S. MacDonald Co., Inc., 33 University Road, Cambridge, Mass. *
Digital business machines using magnetic drum memory for 10,000 registers.
Ss Se(1946) Dc RMSPa
- Marchant Calculating Machine Co., Oakland, Calif.*
Desk calculating machinery. Ls(2500) Le(1910) Dc RMSa
- Massachusetts Institute of Technology, Digital Computer Laboratory (formerly Servo-mechanisms Laboratory); also Center of Analysis; Cambridge 39, Mass.
"Whirlwind" electronic digital computer. Ms(300+) Se(1945?) DAc RCPa
- Mellon Institute, Pittsburgh 13, Pa. *
Ss(6) Se(1950) Dc RCa
- # Mid-Century Instrumatic Corp., 611 Broadway, New York 12, N. Y.
Components for electronic analog computers: function-generators, multipliers, etc. Ss(20) Se(1947) Ac RMSa
- Monroe Calculating Machine Co., Orange, N. J. *
Desk calculating machinery. Electronic digital computer research.
Ls Le Dc RMSa
- # Moore School of Electrical Engineering, Univ. of Pennsylvania, Philadelphia, Pa.
Place where Eniac, and Edvac electronic digital computers were constructed.
Constructing MSAC (Moore School Automatic Computer). Ms(80) Me(1923)
DAc RCPMa
- National Bureau of Standards, Division of the National Applied Mathematics Laboratories: *
- (1) Computation Laboratory, Washington 25, D. C.
Bureau of Standards Eastern Automatic Computer. Ms(100) Me(1938) Dc RCPGa
 - (2) Institute for Numerical Analysis, 405 Hilgard Ave., Los Angeles 24, Calif.
Bureau of Standards Western Automatic Computer. Ms(100) Se(1947) Dc RCPGa
 - (3) Machine Development Laboratory, Washington 25, D. C.
Specifications development. Systems analysis. Ss(10) Se(1947) Dc RCGa
- National Bureau of Standards, Electronics Division, Electronic Computers Section,
Washington 25, D. C. *
Ms(80) Se(1946) Dc RCMGa
- National Cash Register Co., 323 No. Michigan Ave., Dayton, Ohio
Cash registers. Ls Le Ic RMSa
- # National Physical Laboratory, Electronics Section, Teddington, Middlesex, England *
Designer and builder of the first model of ACE (Automatic Computing Engine--high-speed, electronic, digital). Ls Le Dio RCPMa

Naval Research Laboratory, Anacostia, Md.
Ms Me Ic RCPa

Northrop Aircraft Co., Hawthorne, Calif.
Computer division sold to Bendix Aviation Corporation, which SEE.

Nuclear Development Associates, 80 Grand St., White Plains, N. Y.
Ss Se DIO RMSa

Pennsylvania State College, State College, Pa. *
X-RAC computer for crystal electron density functions. S-FAC for structure factor calculations. Ss(20) Se(1947) Ac RPa

George A. Philbrick Researches, Inc., 230 Congress St., Boston 10, Mass. *
Electronic analog computing equipment. Ss(5+) Se(1946) Ac RCMSa

Physical Research Laboratory, 542 North Fair Oaks Ave., Pasadena, Calif.
Digital computing machinery. Analog-to-digital converters. Servo-mechanisms.
Ss Se DAO Ra

Pitney-Bowes, Inc., Stamford, Conn. *
Postage meters. Tax-stamping meters. "Tickometer" counting and/or imprinting machines. Ls(3000) Le(1920) Ic MSa

Potter Instrument Co., 115 Cutter Mill Rd., Great Neck, N. Y. *
Electronic counters. Electronic tag reader. Random access memory. High speed printer ("flying typewriter"). Ms(100) Se(1942) De RCMSa

Powers-Samas Accounting Machines Sales, Ltd., 814 No. Michigan Ave., Chicago 11, Ill.
agent for Powers-Samas Accounting Machines, Ltd., England *
Punched card tabulating equipment using small, medium, and standard cards.
Ls(6000) Le(1916) DIO RMSa

Productions Electroniques, 8, rue Laugier, Paris 17, France
Collaborating with Institut Blaise Pascal on magnetic recording devices.
Ic RMSa

Radio Corp. of America, Laboratories, Princeton, N. J., and R.C.A. Victor Div.,
Camden, N. J.
Selectron. Magnetic matrix memory. Ls Le Ic RMSa

The Rand Corporation, 155 Fourth St., Santa Monica, Calif. *
Constructing an electronic digital computer of the type of the Institute for Advanced Study. Studies of robots, individually and in societies.
Ms Se(1946) DASIO RCPa

Raytheon Manufacturing Co., Waltham, Mass. *
Radar. Fire-control equipment. Two big fast electronic digital computers, being finished. Ls(18,000) Me(1928) DAO RMSa

- Reeves Instrument Co., 215 East 91 St., New York, N. Y.
Fire-control equipment. "REAC" electronic analog computers. Ls Me Ac RMSa
- # Remington Rand, Inc., 315 4th Ave., New York 10, N. Y., and elsewhere.
Punch card machines, office machines, electronic digital computing machines.
Organization owning the subsidiary Eckert-Mauchly Computer Corp., which SEE.
Ls Le DIc RCMsa
- Saunders Automatic Systems Corp., Memphis, Tenn.
"Keedoozle" automatic store devices. Ic RMSa
- # Scientific Computing Service, Ltd., 23 Bedford Sq., London, W.C. 1, England *
Ss(16) Me(1938) DAic CPA
- Sperry Gyroscope Co., Great Neck, N. Y. *
Fire-control equipment. Navigation equipment, sea and air. Radar, Loran, gyrocompasses. Ls(15,000) Le(1910) Ac RMSa
- # Swedish Board for Computing Machines, Stockholm, Sweden *
Planned the relay computer BARK (Binary Automatic Relay "K"omputer), which was then built by the Royal Telegraph Administration. BARK has run commercially since July 1950. Planning and constructing an electronic computer of the Princeton type. Ss(30) Se(1949) Dc RMCpa
- Sylvania Electric Co., 70 Forsyth St., Boston 15, Mass. *
Big fast electronic analog and digital computers, for government.
Sub-assemblies of diodes and triodes. Ls(1200) Se(Company, 1901; this division, 1945) DAo RMSa
- Taller and Cooper, 75 Front St., Brooklyn, N. Y. *
Dynamic testing. Toll equipment for bridges. Ms(250) Me(1926) DIc RMSa
- Technitrol Engineering Co., 2751 No. 4 St., Philadelphia 33, Pa. *
Computing and control equipment. Complete digital systems. Components.
Electrical and acoustic delay lines. Ms(50) Se(1947) DAo RMSa
- # Telecomputing Corp., 133 E. Santa Anita Ave., Burbank, Calif. *
Data reduction instruments (Teleducer, Teleplotter). Ms(160) Se(1947)
Dc RMPa
- Teleregister Corp., 157 Chambers St., New York, N. Y.
Associated with Western Union. Ic RMSa
- Underwood Corp., General Research Lab., 56 Arbor St., Hartford 6, Conn. *
Underwood electric typewriters, used in Harvard Mark II calculator.
Ls(company 10,000; laboratory, 100) Le(1895) DIc RMSa
- # Union Switch and Signal Co., Division of Westinghouse Airbrake, Pittsburgh 18, and Swissvale, Pa.
Railroad signaling and control systems. Ls(4000) Le Ic RMSa

- # U. S. Air Force, Cambridge Research Center, 230 Albany St., Cambridge 39, Mass.
Has the ABC (Automatic Binary Computer) and a CADAC (Computer Research Corp. 102). Ms Me DIc Ga
- U. S. Air Force, Office of Air Research, also Inst. of Technology, Wright-Patterson Air Force Base, Dayton, Ohio
Electronic strategy machine, made by L. I. Davis. Assembling a computing laboratory. Ls Se Ic Ga
- # U. S. Army, Ballistic Research Laboratories, Aberdeen Proving Ground, Aberdeen, Md. *
Has Bell, Edvac, Eniac, Ordvac, Elecom-100, computers and others.
Ms Le DAc Ga
- U. S. Naval Proving Ground, Computation and Ballistics Division, Dahlgren, Va. *
Has Harvard Mark II relay and Mark III electronic digital computers.
Ms(200) Se(1942) Dc Ga
- Univ. Mathematical Laboratory, Free School Lane, Cambridge, England
Has EDSAC electronic digital calculator. Dc RCPa
- Univ. of California, Berkeley, Calif. *
Constructing CALDIC, California Digital Computer. Dc RPa
- # Univ. of Illinois, Urbana, Ill.
Has finished electronic digital computer Ordvac like Institute for Advanced Study's Maniac, and delivered it to U. S. Army Ballistic Research Laboratories. Dc RPa
- # Univ. of Manchester, Mathematical Laboratory, Manchester, England *
Has automatic electronic digital computer built by Ferranti Electric, Ltd.
This laboratory developed much of the design. Ss(8) Se(1947) Dc RPa
- Univ. of Michigan, Willow Run Research Center, Willow Run Airport, Ypsilanti, Mich. *
High-speed digital computers, including MIDAC. Electronic and electro-mechanical analog computers. Special purpose computing equipment.
Ls(500) Se(1946) DAc RCPa
- Wallind-Pierce Corp., 109 Bond St., Redondo Beach, Calif. *
Digital-to-analog, and analog-to-digital translators. Digital and analog computers, magnetic amplifiers, etc. Ss(18) Se(1951) DASc RCMSa
- Wang Laboratories, 296 Columbus Ave., Boston 16, Mass.
Magnetic delay-line memory units. Static magnetic memory systems and other devices. Ss Se(1951) Dc RCMSa
- Watson Scientific Computing Laboratory, 612 West 116 St., New York, N. Y.
The pure science department of International Business Machines.
Simultaneous linear equation solver. Astronomical plate measuring machine. Ss Me DAc RCPa

Wayne University, 5135 Cass Ave., Detroit 1, Mich. *

Computation laboratory. Now has the first MIT differential analyzer.
Acquiring a large digital computer. Ss(10) Se(1950) DAc RCPa

Western Union Telegraph Co., 60 Hudson St., New York 13, N. Y. *

Punched tape input and output equipment for Harvard Mark II calculator.
Ls(company, 43,000) Le(1851) Ic Ra(computing devices)

Westinghouse Electric Corp., Central Engineering Div., East Pittsburgh, Pa. *

Analog computers for rate calculations, etc. DC, AC calculating boards.
ANACOM computer. Ls Le DAsC RCMSa

Zator Co., 40 Grozier Road, Cambridge, Mass. *

Information-finding equipment and systems. Card and film sorting, scanning,
etc. Ss(2) Se(1947) Ic RCMSa

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To: Edmund C. Berkeley and Associates
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Date _____

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